

Year 4: Triangles: worksheet

Year 4 - Shapes, Angles and Symmetry - Lesson 9.3

Name: _____

Date: _____

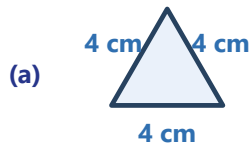
Score: _____

13 questions. Write your answers in the spaces. Answers and step-by-step help are free at websink.site/ks2-sats/maths/year-4/ch09-shapes-angles-symmetry/triangles/

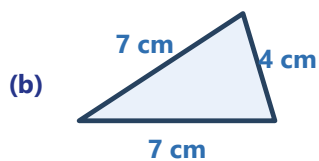
Exercise 9C Triangles

Non-calculator

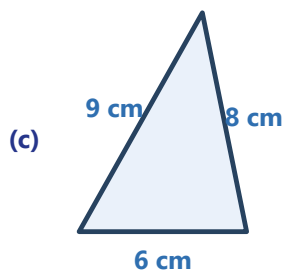
1 Name each triangle from the lengths of its sides (in cm). Write **equilateral**, **isosceles** or **scalene**.



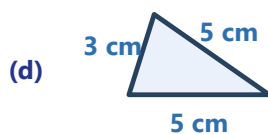
Answer: _____



Answer: _____

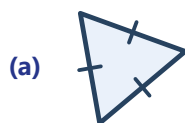


Answer: _____



Answer: _____

2 Use the tick marks to name each triangle.



Answer: _____



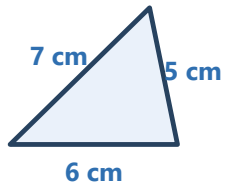
Answer: _____

(c)



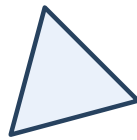
Answer:

(d)



Answer:

3 Which triangle is right-angled? Write the letter.



A



B



C

Answer:

4 Write how many equal sides each triangle has.

(a) an equilateral triangle

Answer:

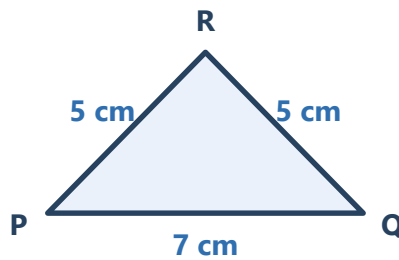
(b) an isosceles triangle

Answer:

(c) a scalene triangle

Answer:

5 Triangle PQR is drawn. (a) Which two sides are equal? (b) What kind of triangle is it?



(a) Which two sides are equal?

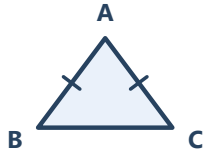
Answer:

(b) What kind of triangle is it?

Answer:

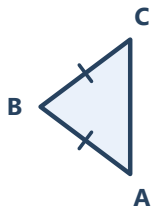
6 Each triangle is isosceles. Which two angles are equal? Write the letters.

(a)



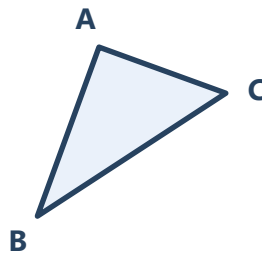
Answer:

(b)



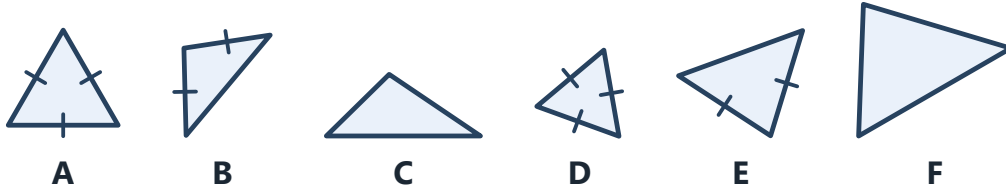
Answer:

7 Which angle in the triangle is the right angle? Write the letter.



Answer:

8 Look at these six triangles. All the sides that are equal have tick marks. How many of the triangles are...



(a) equilateral?

Answer:

(b) isosceles?

Answer:

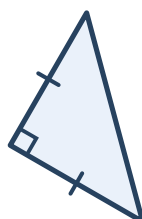
(c) scalene?

Answer:

9 An equilateral triangle has a perimeter of 24 cm. How long is each side?

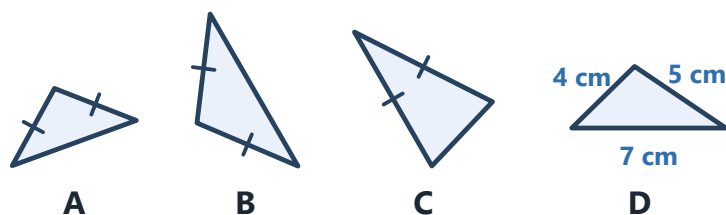
Answer:

10 Tom draws a triangle. It has two equal sides and one right angle. What names can Tom give his triangle?



Answer:

- 11 Which triangle is the odd one out? Explain your answer.



Answer:

- 12 Write **always**, **sometimes** or **never** for each sentence.

(a) A triangle has three straight sides.

Answer:

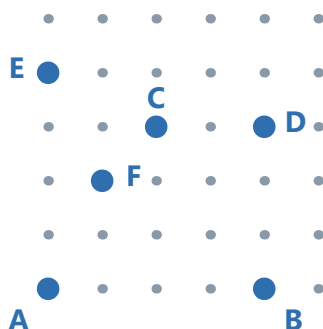
(b) A scalene triangle has a right angle.

Answer:

(c) A triangle has two right angles.

Answer:

- 13 A and B are two corners of a triangle. The third corner is one of the points C, D, E or F on the dot grid.



(a) Which points make an **isosceles** triangle? Write the letters.

Answer:

(b) Which points make a **right-angled** triangle? Write the letters.

Answer: